

--FIG. 1 is a block diagram of one embodiment of a portion of a handset 50 for a mobile communication system. The handset 50 includes an input portion having a transducer 54 that receives an input signal 56, e.g., a voice or other acoustical signal, representing information to be communicated via the mobile communication system. The transducer 54 converts the input signal 56 into an electrical signal, typically an analog signal, which is supplied to an analog-to-digital converter (ADC) 58, for example a voice band ADC. The ADC 58 periodically samples the electrical signal and generates a sequence of multi-bit digital signals, which are supplied to a digital baseband processor 60. The baseband processor 60 performs further signal processing, including for example, compression. The output of the baseband processor 60 is supplied to burst store stage 62, which feeds a GMSK modulator 64. The GMSK modulator 64 produces multi-bit digital signals, which is supplied via signal lines, represented by a signal line 66, to a digital to analog conversion system 68. The digital to analog conversion system 68 converts the sequence of multi-bit digital signals into an analog signal, which is supplied via signal line 70 to an output portion 72. The output portion 72 includes a mixer 74 that receives the analog signal on signal line 70 and feeds a transmitter 76, which in turn transmits the signal. DAC can be used in any digital to analog conversion.—

Please replace the paragraph beginning at line 16 of page of page 20 with the following rewritten paragraph:

--FIG. 15 is a block diagram of another embodiment of the SC DAC 150, which is similar to the SC DAC 150 illustrated in FIGS. 9, 10A-10C, except that the SC DAC 150 of FIG. 15 further comprises a switch S48, a switch S49, and a switch S50. A first terminal of the switch S48 is connected to the second terminal of the charge sharing switch S43. A first terminal of the switch S49 is connected to the second terminal of the charge sharing switch S45. A first terminal of the switch S50 is connected to the second terminal of the charge sharing switch S46. Each of the switches S48, S49, and S50 may, but need not serve one or more of the functions noted hereinbelow. In one embodiment, one purpose of the switches S48, S49, S50 is to provide parasitic capacitance similar to that of output switch S47, so as to help cancel the effect of the parasitic capacitance of switch S47.--

Please replace the paragraph beginning at line 16 of page 20 with the following rewritten paragraph:

--FIG. 15 is a block diagram of another embodiment of the SC DAC 150, which is similar to the SC DAC 150 illustrated in FIGS. 9, 10A-10C, except that the SC DAC 150 of FIG. 15 further comprises a switch S48, a switch S49, and a switch S50. A first terminal of the switch S48 is connected to the second terminal of the charge sharing switch S43. A first terminal of the switch S49 is connected to the second terminal of the charge sharing switch S45. A first terminal of the switch S50 is connected to the second terminal of the charge sharing switch S46. Each of the switches S48, S49, and S50 may, but need not serve one or more of the functions noted hereinbelow. In one embodiment, one purpose of the switches S48, S49, S50 is to provide parasitic capacitance similar to that of output switch S47, so as to help cancel the effect of the parasitic capacitance of switch S47.--

Please replace the paragraph beginning at line 27 of page 13 with the following rewritten paragraph:

--The DAC 150 may receive a non-overlapping 3-phase clock, P1, P2, P3, shown in FIG. 6. The closed/open condition of the switches S3, S6, S9, and S12 is controlled by the P3 signal of the 3-phase clock. The P1 signal of the 3-phase clock controls the open/closed condition of the charge sharing switches S13, S14, S15, and S16. The P2 signal of the 3-phase clock controls the open/closed condition of the switch S17.--